

## Interview Summary

Application No.

09/930,442

Applicant(s)

USHIWATA ET AL.

Examiner

Omar Flores-Sánchez

Art Unit

3724

All participants (applicant, applicant's representative, PTO personnel):

(1) Omar Flores-Sánchez.

(3) \_\_\_\_\_.

(2) Jeffrey Schmitt.

(4) \_\_\_\_\_.

Date of Interview: 03 June 2004.

Type: a) ☐ Telephonic b) ☐ Video Conference

c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☒ Yes e) ☐ No.

If Yes, brief description: The saw device with the laser guide was presented.

Claim(s) discussed: 1.

Identification of prior art discussed: That applied

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Also, applicant discussed the difference between the prior art and the invention regarding the position of the laser generator. Three independent claims were discussed (see the attachment). Essentially, for all three claims in the application it was pointed out that the laser light is aligned at a position to be cut by the blade as opposed to being adjacent to the blade as indicated by the prior art applied as asserted by applicant.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

\* *Reconsideration will be given upon filing of the amendment.*



Allan N. Shoap  
Supervisory Patent Examiner  
Group 3700

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

**PROPOSED CLAIM AMENDMENTS**  
**FOR DISCUSSION DURING INTERVIEW OF JUNE 3, 2004**

1. (Currently amended) A cutter comprising:

a base for supporting a workpiece;

a holder supported on the base portion;

a cutter blade portion adapted for supporting a moving blade that cuts the workpiece, the cutter blade portion being supported on the holder so as to be movable between an upper position and a lower position, the cutter blade portion being closer to the base in the lower position than in the upper position; and

a laser generator for emitting laser light, the laser generator being attached to one of the holder and the cutter blade portion in an orientation to direct at least a portion of the laser light onto a position on the workpiece that is directly beneath the ~~cutter blade portion~~ moving blade with respect to the cutter blade portion in the upper position.

B. (New) A cutter comprising:

a base for supporting a workpiece;

a holder supported on the base portion;

a cutter blade portion adapted for supporting a blade that cuts the workpiece, the cutter blade portion being supported on the holder so as to be movable between an upper position and a lower position, the cutter blade portion being closer to the base in the lower position than in the upper position, the blade having a rotating axis and a blade edge in a circumferential direction of the blade, the blade edge having a width in a direction of the rotation axis said width bounded by two planes; and

a laser generator for emitting laser light, the laser generator being attached to one of the holder and the cutter blade portion to direct the laser light onto a position to be cut on a workpiece while satisfying conditions as follows:

(1) the laser light travels at least partially within a space defined between said two planes;  
and

(2) at least a part of the laser light travels between the blade edge and the base when the cutter blade portion is in the upper position.

**Proposed Claim Amendments FOR DISCUSSION PURPOSES ONLY**

C. (New) A cutter comprising:

a base for supporting a workpiece;

a holder supported on the base portion;

a cutter blade portion adapted for supporting a blade that cuts the workpiece, the cutter blade portion being supported on the holder so as to be movable between an upper position and a lower position, the cutter blade portion being closer to the base in the lower position than in the upper position; and

a laser generator for emitting laser light, the laser generator being attached to one of the holder and the cutter blade portion in an orientation to direct at least a portion of the laser light onto a position that is superimposed with an actual cutting position defined by the blade.